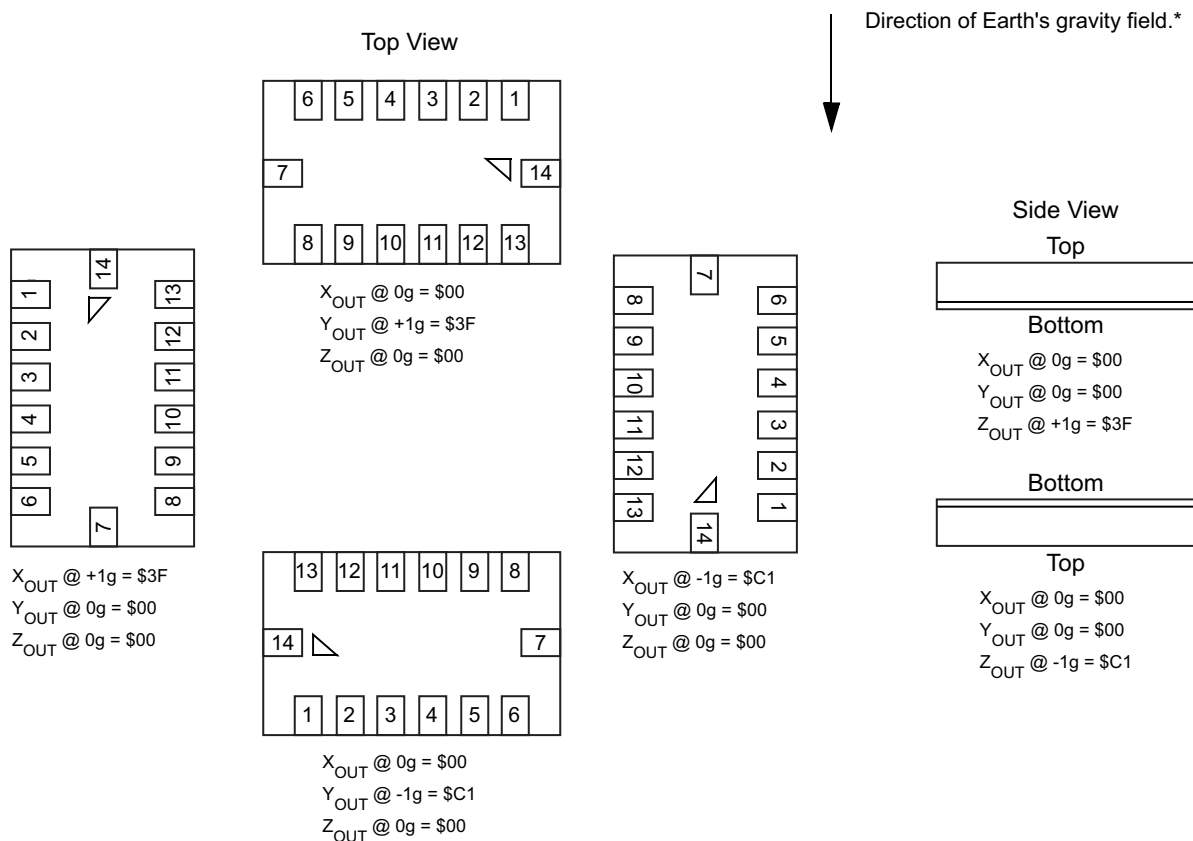


SENSING DIRECTION AND OUTPUT RESPONSE

The following figure shows sensing direction and the output response for 2g mode.



* When positioned as shown, the Earth's gravity will result in a positive 1g output.

Figure 17. Sensing Direction and Output Response at 2g Mode

Table 13. Acceleration vs. Output (8-bit data)

FS Mode	Acceleration	Output
2g Mode	-2g	\$80
	-1g	\$C1
	0g	\$00
	+1g	\$3F
	+2g	\$7F
4g Mode	-4g	\$80
	-1g	\$E1
	0g	\$00
	+1g	\$1F
	+4g	\$7F
8g Mode	-8g	\$80
	-1g	\$F1
	0g	\$00
	+1g	\$0F
	+8g	\$7F